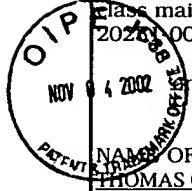


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On 25 October 2002
Date of Deposit

NAME OF APPLICANT, ASSIGNEE, OR REG. REP
THOMAS C. STOVER 22,531

Testover 25 October 2002
SIGNATURE DATE ATTORNEY'S DOCKET NO
AFB00500

AMENDMENT TRANSMITTAL LETTER

| SERIAL NO. | FILING DATE | EXAMINER | GROUP ART UNIT |
|------------|-------------|----------|----------------|
| 09/862,788 | 18 May 2001 | A. Kim | 2876 |

INVENTION
PLUME DETECTOR

INVENTOR(S)
Mark Ahmadjian et al
TO THE COMMISSIONER FOR PATENTS

Transmitted herewith is an Amendment

- ☐ Small entity status of this application under 37 CFR 1.27 has been established by a verified statement previously submitted.
- ☐ A verified statement to establish small entity status under 37 CFR 1.9 and 1.27 is enclosed.
- ☒ No additional fee is required.
- ☐ The fee has been calculated as shown below

| | (1) | (2) | (3) | SMALL ENTITY | OTHER THAN A SMALL ENTITY |
|---|---|--------------------------------------|------------------|-------------------|------------------------------|
| | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NO PREVIOUSLY PAID FOR | PRESENT EXTRA | RATE ADDIT FEE | OR RATE ADDIT FEE |
| TOTAL | * | MINUS ** | | x \$ 9 \$ | x \$ 18 \$ |
| INDEP | * | MINUS *** | | x \$ 42 \$ | x \$ 84 \$ |
| FIRST PRESENTATION OF MULTIPLE DEP CLAIMS | | | | x \$ 140 \$ | x \$ 280 \$ |
| TOTAL ADDIT. FEE | | | | \$ | OR TOTAL \$ |

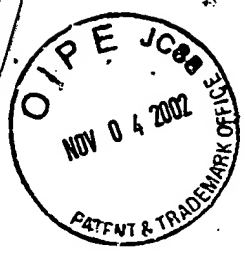
- * If the entry in Col 1 is less than the entry in Col 3 write "0" in Col 3
 ** If the Highest No Previously Paid for "IN THIS SPACE" is less than 30 enter "30"
 *** If the Highest No Previously Paid for "IN THIS SPACE" is less than 3, enter 3
 The Highest No Previously Paid For" (Total or Indep 1 is the highest number found in the appropriate box in Col 1

- ☐ Please charge my **Deposit Account No. AF 01-0465** in the amount of \$ _____.
- ☒ A duplicate copy of this sheet is enclosed.
- ☐ A check in the amount of \$ _____ to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to **Deposit Account No AF 01-0465**.
- ☒ Any additional filing fees required under 37 CFR 1.16.
- ☒ Any patent application processing fees under CFR 1.17.

25 October 2002
Date

Julian L. Siegel
JULIAN L. SIEGEL
Registration No. 22,407
Intellectual Property Division

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Air Force Invention No. AFB00500

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On 25 October 2002
(DATE OF DEPOSIT)

Thomas C. Stover 22,531
NAME OF APPLICANT, ASSIGNEE, OR REG. REP.

5/a
S. Markley
11-14-02

Thomas C. Stover 25 October 2002
SIGNATURE DATE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of
Mark Ahmadjian et al
Serial No. 09/862,788
Filed: 18 May 2001
For: PLUME DETECTOR

Group Art Unit: 2876
Examiner: A. Kim

Honorable Commissioner for Patents
Washington D. C. 20231

Sir:

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AMENDMENT

In response to the Office Action dated 29 July 2002, please amend the above-identified application as follows:

IN THE CLAIMS

Amend the following claims per the clean copy shown below, as subsequently explained by a marked-up version attached as Exhibit A.